WHAT IS CLAIMED IS:

1. A composition for maintaining a non-enveloped viral vector comprising:

(a) about 1-25% (wt./vol.) trehalose,

(b) about 0.05-2 mM of a divalent metal salt, a cationic polymer, or a combination thereof,

(c) a multiplicity of non-enveloped viral vector particles, and

(d) a liquid carrier.

2. The composition of claim 1, wherein the composition comprises about 0.05-2 mM of a divalent metal salt.

3. The composition of claim 2, wherein the composition comprises about 0.05-2 mM $MgCl_2$.

4. The composition of claim 2, wherein the composition further comprises a nonionic surfactant in a concentration of about 0.001-0.015% (wt./vol.).

5. The composition of claim 3, wherein the nonionic surfactant is polysorbate 80.

6. The composition of claim 2, wherein the concentration of the multiplicity of non-enveloped viral vector particles is about $1x10^5$ to about $1x10^{13}$ FFU/ml.

7. The composition of claim 2, wherein the osmolality of the composition, in liquid form, is about 150-800 mOsM.

8. The composition of claim 2, wherein the ionic strength of the composition, in liquid form, is about 10-200 mM.

9. The composition of claim 2, wherein the composition further comprises a buffer, such that the pH of the composition is about 6 to about 9 when the temperature of the composition is about 25° C.

10. The composition of claim 2, wherein the composition further comprises about 10-65 mM arginine.

11. The composition of claim 1, wherein the non-enveloped viral vector is an adenoviral vector.

12. The composition of claim 10, wherein the adenoviral vector is replication-deficient.

13. The composition of claim 2, wherein the non-enveloped viral vector is an adenoviral vector.

14. The composition of claim 13, wherein the adenoviral vector is replication-deficient.

15. A method of preserving a non-enveloped viral vector comprising maintaining a multiplicity of non-enveloped viral vector particles in the liquid composition of claim 1 for a period of about 48 hours, wherein at least about 50% of the non-enveloped viral vector particles in the composition are active at the end of the period.

16. The method of claim 15, wherein the composition is maintained at a temperature of about 25° C for the period of about 48 hours.

17. A method of preserving a non-enveloped viral vector comprising maintaining a multiplicity of non-enveloped viral vector particles in the liquid composition of claim 2 for a period of about 48 hours, wherein at least about 50% of the non-enveloped viral vector particles in the composition are active at the end of the period.

18. The method of claim 17, wherein the composition is maintained at a temperature of about 25° C for the period of about 48 hours.

19. A method of administering a non-enveloped viral vector particle to a host cell comprising contacting a host cell with the liquid composition of claim 1 to infect the host cell with at least one non-enveloped viral vector particle.

20. A method of administering a non-enveloped viral vector particle to a host cell comprising contacting a host cell with the liquid composition of claim 2 to infect the host cell with at least one non-enveloped viral vector particle.

21. The method of claim 20, wherein the non-enveloped viral vector particles are recombinant viral vector particles comprising a transgene which is expressed in the host cell.

22. The method of claim 21, wherein the host cell is in a mammal.

23. The method of claim 22, wherein the mammal is a human.

24. The method of claim 23, wherein the host cell is in a heart.

25. The method of claim 23, wherein the non-enveloped viral vector is an adenoviral vector.

26. The method of claim 25, wherein the adenoviral vector is replication-deficient.